

REMARKS

Consideration and examination of the present application is respectfully requested.

Proposed Drawing Correction

Applicant respectfully submits herewith under separate cover for the Examiner's approval a proposed drawing correction in red for Figure 2B.

042390.P4934D2

MARKED UP VERSION OF AMENDMENTS

IN THE SPECIFICATION

The following paragraph has been added as the first paragraph on page 2:

This application is a divisional patent application of U.S. Patent Application No. 09/527,284, filed March 17, 2000, now pending, which is a divisional patent application of U.S. Patent Application No. 08/986,275, filed December 5, 1997, now U.S. Patent No. 6,064,117.

The paragraph starting on page 4 at line 14 has been amended as follows:

As a result of this construction, the corner sections 19 of prior PBGA assemblies 10 are susceptible to mechanical damage. The flexible corner sections [10] 19 are easily damaged, for example, during processing associated with the assembly, test, and installation of the PBGA assemblies 10, and during normal handling.

The paragraph starting on page 9 at line 12 has been amended as follows:

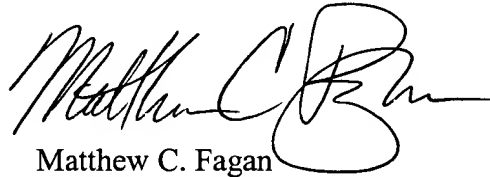
Although the solder balls [20] 120 can be located across the entire lower surface of the substrate 114, in accordance with one embodiment of the present invention, the solder balls [20] 120 are spaced from the areas directly beneath the edges of the die 22. Shear stress tends to be the greatest during temperature cycling in the area directly beneath the edges of the die 22, and thus, after a relatively few number of thermal cycles, the solder balls [20] 120 tend to fail. However, beneath the die 22 but spaced from the edges thereof, the solder balls [20] 120 can also serve as a heat transfer path into the printed circuit board. Thus, in one embodiment depicted in

The Examiner is invited to telephone the undersigned to help expedite any further prosecution of the present application.

The Director of the U.S. Patent and Trademark Office is hereby authorized to credit any overpayment or to charge any fees or fee deficiencies under 37 C.F.R. §§ 1.16 and 1.17 in connection with this communication to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR
& ZAFMAN, L.L.P.



Matthew C. Fagan
Registration No. 37,542

Date: August 2, 2001

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1030

Telephone: (512) 330-0844
Facsimile: (512) 330-0476